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SEDIMENTS

Subject:
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area Time-Critical Removal Action
Monthly Report (June 2010)

Date:
July 15, 2010

Dear Sam:

Attached is the 12th monthly progress report for the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site Plainwell No. 2 Dam Area Time-Critical Removal Action (TCRA). This progress report is submitted in accordance with Paragraph 19a of the June 2009 Administrative Settlement Agreement and Order on Consent (AOC) for Removal Action (Docket No. V-W-09-C-925). On August 5, 2009, the United States Environmental Protection Agency (USEPA) determined that future updates on the Former Plainwell Impoundment TCRA project will be included in this monthly report. Per the August 6, 2009 direction of the USEPA, monthly reports will only be submitted electronically.

If you have any questions, please do not hesitate to contact me.

Sincerely,

ARCADIS

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MONTHLY REPORT FOR THE ALLIED PAPER, INC./PORTAGE CREEK/ KALAMAZOO RIVER SUPERFUND SITE PLAINWELL NO. 2 DAM AREA TIME-CRITICAL REMOVAL ACTION

REPORT #12, JUNE 2010

PREPARED BY ARCADIS
JULY 15, 2010
ON BEHALF OF GEORGIA-PACIFIC LLC

SUBMITTED TO

SAM BORRIES, ON-SCENE COORDINATOR
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Monthly Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area TCRA

REPORT #12, JUNE 2010

Significant Developments and Activities During the Period

- On June 14, ARCADIS submitted the 17th, 18th, 19th, 20th, and 21st *Weekly Construction Update for the Plainwell No. 2 Dam Area TCRA* to the United States Environmental Protection Agency (USEPA) and the Michigan Department of Natural Resources and Environment (MDNRE).

- On June 15, ARCADIS submitted to USEPA the 11th *Monthly Report for the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site Plainwell No. 2 Dam Area TCRA* for May 2010.

- On June 15, 19, 22, 23, 25, 29, and 30 ARCADIS submitted to Weston (USEPA subcontractor) copies of turbidity monitoring logs, analytical data, waste manifests and/or chains of custody.

- On June 16, ARCADIS and Georgia-Pacific LLC hosted the monthly Stakeholder's Meeting. Representatives from MDNRE and USEPA attended the meeting.

- On June 17, ARCADIS submitted the *USEPA Plainwell Dam #2 SF Discharge Location Modification Letter* to MDNRE. The document summarizes the revised outfall locations as described in Substantive Requirements Document MIU990028.

- On June 25, ARCADIS submitted the 22nd *Weekly Construction Update for the Plainwell No. 2 Dam Area TCRA* to USEPA and MDNRE.

Data Collected and Field Activities Conducted During the Period

- During the week of June 1, ARCADIS continued mobilizing equipment to the south side of the river, continued constructing staging areas and access roads, continued stump removal, and continued clearing and grubbing activities on Island 2.

- During the week of June 7, ARCADIS continued mobilizing equipment to the south side of the river, continued constructing staging areas and access roads, continued stump removal, continued clearing and grubbing activities on Island 2, began transferring water from Staging Area 2 to Staging Area 1 for treatment and discharge, and began installing resuspension controls at Island 2.

  One wipe sample (VT-42) was collected from the vacuum truck used to transfer water from Staging Area 2 to Staging Area 1 and submitted to KAR Laboratories, Inc. (KAR) for polychlorinated biphenyl (PCB) analysis. One set of water samples (W_SA1_X_001) was collected from the water treatment system located at Staging Area 1 and submitted to TestAmerica Laboratories, Inc. (TAL) for PCB and/or total suspended solids (TSS) analysis. Each set of water samples consists of one influent (e.g., W_SA1_In_001), two mid-fluent (e.g., W_SA1_RM_001 and W_SA1_LM_001), and two effluent samples (e.g., W_SA1_RE_001 and W_SA1_LE_001). Table A summarizes the samples collected.

Monthly Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area TCRA

REPORT #12, JUNE 2010

- During the week of June 14, ARCADIS completed mobilization of equipment to the south side of the river, completed constructing staging areas and access roads, continued stump removal, completed clearing and grubbing activities on Island 2, continued installing resuspension controls at Island 2, continued transferring water from Staging Area 2 to Staging Area 1 for treatment and discharge, and began excavation activities on Island 2. Processed material from the staging area was loaded into trucks and transported to the Ottawa County Farms Landfill in Coopersville, Michigan or the C&C Landfill in Marshall, Michigan for disposal.

  Seven confirmation samples (TS20339 through TS20345) were collected from Island 2 and submitted to TAL for PCB analysis. USEPA collected a split sample of TS20340 (PD2-061710-07-SD/TS20340). Two surface water samples (TS30151 and TS30152) were collected from the downstream and upstream, respectively, turbidity monitoring locations near Island 2. A rinse blank (TS30153) was also collected. The surface water samples and rinse blank were submitted to TAL for PCB analysis. Table A summarizes the samples collected.

- During the week of June 21, ARCADIS continued stump removal, continued installing resuspension controls at Island 2, began installation of resuspension controls at Removal Area 3B, continued transferring water from Staging Area 2 to Staging Area 1 for treatment and discharge, continued excavation activities on Island 2, and began installation of river run rock at Island 2. Processed material from the staging area was loaded into trucks and transported to the Ottawa County Farms Landfill in Coopersville, Michigan or the C&C Landfill in Marshall, Michigan for disposal.

  Sixteen confirmation samples (TS20346 through TS20355 and TS20357 through TS30362a) and one duplicate sample (TS20356) were collected from Island 2 and submitted to TAL for PCB analysis. USEPA collected a split sample of TS20353 (PD2-062210-08-SD/TS20353). Two surface water samples (TS30154 and TS30155) were collected from the downstream and upstream, respectively, turbidity monitoring locations near Island 2. A rinse blank (TS30156) was also collected. The surface water samples and rinse blank were submitted to TAL for PCB analysis. One wipe sample (VT-322) was collected from the vacuum truck used to transfer water from Staging Area 2 to Staging Area 1 and submitted to KAR for PCB analysis. Two sets of water samples (W_SA1_X_002 and W_SA1_X_003) were collected from the water treatment system located at Staging Area 1 and submitted to TAL for PCB, TSS, and/or total phosphorus (P) analysis. Each set of water samples consists of one influent, two mid-fluent, and two effluent samples. A duplicate effluent sample (W_SA1_DUP_003) was also collected. Table A summarizes the samples collected.

Monthly Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area TCRA

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- During the week of June 28, ARCADIS continued stump removal, continued installation of resuspension controls at Removal Area 3B, continued transferring water from Staging Area 2 to Staging Area 1 for treatment and discharge, continued excavation activities on Island 2, and continued installation of river run rock at Island 2. Processed material from the staging area was loaded into trucks and transported to the Ottawa County Farms Landfill in Coopersville, Michigan or the C&C Landfill in Marshall, Michigan for disposal.

  Six confirmation samples (TS30362b through TS20367) were collected from Island 2 and submitted to TAL for PCB analysis. USEPA collected a split sample of TS20363 (PD2-062810-09-SD/TS20363).Table A summarizes the samples collected.

Laboratory Data Received During the Period

- No analytical data were received during the week of June 1.
- During the week of June 7, ARCADIS received analytical data for wipe sample VT-42.
- During the week of June 15, ARCADIS received analytical data for water sample set W_SA1_X_001 and post-construction property access soil samples TS10083 through TS10101 (collected in May).
- During the week of June 21, ARCADIS received analytical data for confirmation samples TS20339 through TS20358 and water sample set W_SA1_X_002.
- During the week of June 28, ARCADIS received analytical data for confirmation samples TS20359 through TS20367 and water sample set W_SA1_X_003, which included duplicate sample W_SA1_DUP_003.
- ARCADIS is awaiting analytical data for surface water samples TS30151 through TS30156, wipe sample VT-322, and USEPA split samples PD2-061710-07-SD/TS20340, PD2-062210-08-SD/TS20353, and PD2-062810-09-SD/TS20363.

- A PCB concentration of 5.4 mg/kg, which exceeded the PCB performance standard of 5 mg/kg, was detected in soil sample TS20365, collected from Island 2, Grid 17 on June 28. An additional 6 inches of material will be excavated in July, and the area will be re-sampled.

- A PCB concentration of 6.6 mg/kg, which exceeded the PCB performance standard of 5 mg/kg, was detected in soil sample TS20366, collected from Island 2, Grid 18 on June 28. An additional 6 inches of material will be excavated in July, and the area will be re-sampled.

Developments Anticipated During the Next Reporting Period

- During the week of July 1, ARCADIS is scheduled to complete excavation of Island 2, continue installing river run rock in Island 2, continue installing resuspension controls at Removal Area 3B, continue transporting water to and treating and discharging water at Staging Area 1, and continue loading and transporting processed material to the appropriate landfill.

- During the week of July 5, ARCADIS is scheduled to complete installation of resuspension controls in Removal Area 3B, continue installation of river run rock in Island 2, begin installation of coir log, topsoil, seed, and erosion control blanket in Island 2, begin road removal on Island 2, continue transporting water to and treating and discharging water at Staging Area 1, and continue loading and transporting processed material to the appropriate landfill.

- During the week of July 12, ARCADIS is scheduled to begin installation of resuspension controls in Removal Area 4B, begin excavation activities in Removal Area 3B, complete removal of resuspension controls in Island 2, complete installation of river run rock, coir log, topsoil, seed, and erosion control blanket in Island 2, continue road removal on Island 2, continue transporting water to and treating and discharging water at Staging Area 1, and continue loading and transporting processed material to the appropriate landfill.

- During the week of July 19, ARCADIS is scheduled to host the monthly Stakeholder's Meeting, complete excavation activities in Removal Area 3B, begin excavation activities in Removal Area 4B, begin installation of river run rock, coir log, topsoil, seed, and erosion control blanket in Removal Area 3B, continue road removal on Island 2, continue transporting water to and treating and discharging water at Staging Area 1, and continue loading and transporting processed material to the appropriate landfill.

**Monthly Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area TCRA**

REPORT #12, JUNE 2010

- During the week of July 26, ARCADIS is scheduled to continue excavation activities in Removal Area 4B, complete installation of river run rock, coir log, topsoil, seed, and erosion control blanket in Removal Area 3B, complete removal of resuspension controls in Removal Area 3B, begin installation of resuspension controls in Removal Area 5B, complete road removal on Island 2, begin removal of the bridge to Island 2, continue transporting water to and treating and discharging water at Staging Area 1, and continue loading and transporting processed material to the appropriate landfill.

- In July, ARCADIS will continue submitting copies of analytical data, turbidity monitoring logs, air monitoring logs, waste manifests and chains of custody from Plainwell No. 2 Dam Area TCRA sampling activities to USEPA.

- In July, ARCADIS will continue submitting the weekly construction updates to USEPA regarding the Plainwell No. 2 Dam Area TCRA.

Updates to the Former Plainwell Impoundment TCRA

- During the week of June 7, ARCADIS installed seed and straw on the access roads removed near Staging Area 3.

- On June 10, ARCADIS received a copy of the geomorphic feature delineation and PCB correlations in the Former Plainwell Impoundment report, dated May 2010, from MDNRE.

- On June 18, MDNRE requested coordinate data for final restored surface areas at the former Plainwell Impoundment. ARCADIS and MDNRE discussed the request on June 21 and 28.

- On June 21, ARCADIS and Charles Mehne, D.V.M. discussed construction progress and mussel relocation.

Developments Anticipated During the Next Reporting Period from the Former Plainwell Impoundment TCRA

- In July, ARCADIS is scheduled to submit a report detailing the results of the May 2010 inspection of restored banks, as described in Section 5.6 of the *Final Former Plainwell Impoundment TCRA Design Report*.

- On July 21, ARCADIS and Georgia-Pacific LLC are scheduled to meet with representatives of USEPA, MDNRE, and United States Fish and Wildlife Service (USFWS) at the Impoundment to review the May 2010 inspection report and perform a visual inspection of the banks.

Monthly Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area TCRA

REPORT #12, JUNE 2010

Issues Encountered and Actions Taken

- A PCB concentration of 6.4 milligrams per kilogram (mg/kg), which exceeded the PCB performance standard of 5 mg/kg, was detected in soil sample TS20345, collected from Island 2, Grid 7 on June 17. An additional 6 inches of material was excavated and sample TS20360 was collected on June 24. A PCB concentration of 0.71 mg/kg was detected in the sample. The PCB concentration did not exceed the performance standard; therefore, no additional excavation is warranted.

- Recreational boaters were observed on June 19 near Island 2. The boaters were spotted on the north side of the island, where no work activities were being performed. ARCADIS personnel notified MDNRE of the boaters.

- A PCB concentration of 16 mg/kg, which exceeded the PCB performance standard of 5 mg/kg, was detected in soil sample TS20346, collected from Island 2, Grid 8 on June 21. An additional 6 inches of material was excavated and sample TS20359 was collected on June 24. A PCB concentration of 0.94 mg/kg was detected in the sample. The PCB concentration did not exceed the performance standard; therefore, no additional excavation is warranted.

- A PCB concentration of 6.7 mg/kg, which exceeded the PCB performance standard of 5 mg/kg, was detected in soil sample TS20362a, collected from Island 2, Grid 14 on June 24. However, this sample was collected from a depth of 6 inches below original grade. The targeted excavation depth in this area was 12 inches. As such, the PCB concentration detected in sample TS20362a did not represent the true post-excavation PCB concentration in the soil. The grid was excavated to final grade and soil sample TS20362b was collected on June 28. A PCB concentration of 3.0 mg/kg was detected in the sample. The PCB concentration did not exceed the performance standard; therefore, no additional excavation is warranted.

- A PCB concentration of 12 mg/kg, which exceeded the PCB performance standard of 5 mg/kg, was detected in soil sample TS20363, collected from Island 2, Grid 15 on June 28. An additional 6 inches of material will be excavated in July, and the area will be re-sampled.

- A PCB concentration of 12 mg/kg, which exceeded the PCB performance standard of 5 mg/kg, was detected in soil sample TS20364, collected from Island 2, Grid 16 on June 28. An additional 6 inches of material will be excavated in July, and the area will be re-sampled.

Georgia-Pacific LLC
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area TCRA
Monthly Report #12, June 2010

Table A — Summary of Samples Collected and Data Received in June 2010

Sample ID	Sample Date	Data Received	Sample Delivery Group	Laboratory	Sample Location	Analysis Conducted	PCB Result	PCB Action Limit	Response Action / Notes
Confirmation Samples									
TS20339	06.17.10	06.22.10	KAL549	TAL	Island 2, Grid 1	PCBs	0.46 mg/kg	5 mg/kg	None
TS20340[a]					Island 2, Grid 2	PCBs	2.0 mg/kg	5 mg/kg	None
PD2-061710-07-SD/TS20340[b]	***06.17.10***	***NR***	***NR***	***TriMatrix Laboratories***	***Island 2, Grid 2***	***PCBs***	-	-	-
TS20341	06.17.10	06.22.10	KAL549	TAL	Island 2, Grid 3	PCBs	1.8 mg/kg	5 mg/kg	None
TS20342					Island 2, Grid 4	PCBs	0.31 mg/kg	5 mg/kg	None
TS20343					Island 2, Grid 5	PCBs	0.58 mg/kg	5 mg/kg	None
TS20344					Island 2, Grid 6	PCBs	0.57 mg/kg	5 mg/kg	None
TS20345					Island 2, Grid 7	PCBs	6.4 mg/kg	5 mg/kg	excavate additional 6" and re-sample (TS20360)
TS20346	06.21.10	06/23/10	KAL551	TAL	Island 2, Grid 8	PCBs	16 mg/kg	5 mg/kg	excavate additional 6" and re-sample (TS20359)
TS20347					Island 2, Grid 9	PCBs	4.0 mg/kg	5 mg/kg	None
TS20348					Island 2, Grid 10	PCBs	2.5 mg/kg	5 mg/kg	None
TS20349					Island 2, Grid 11	PCBs	1.4 mg/kg	5 mg/kg	None
TS20350					Island 2, Grid 12	PCBs	0.84 mg/kg	5 mg/kg	None
TS20351	06.22.10	06/24/10	KAL552	TAL	Island 2, Grid 27	PCBs	4.6 mg/kg	5 mg/kg	None
TS20352					Island 2, Grid 26	PCBs	1.3 mg/kg	5 mg/kg	None
TS20353[a]					Island 2, Grid 25	PCBs	0.94 mg/kg	5 mg/kg	None
PD2-062210-08-SD/TS20353[b]	***06.22.10***	***NR***	***NR***	***TriMatrix Laboratories***	***Island 2, Grid 25***	***PCBs***	-	-	-

See notes, page 6

Georgia-Pacific LLC
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area TCRA
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Table A — Summary of Samples Collected and Data Received in June 2010

Sample ID	Sample Date	Data Received	Sample Delivery Group	Laboratory	Sample Location	Analysis Conducted	PCB Result	PCB Action Limit	Response Action / Notes
Confirmation Samples (cont'd)									
TS20354	06.22.10	06.24.10	KAL552	TAL	Island 2, Grid 24	PCBs	1.1 mg/kg	5 mg/kg	None
TS20355					Island 2, Grid 23	PCBs	0.24 mg/kg	5 mg/kg	None
[TS20356]						[PCBs]	[0.18 mg/kg]	[5 mg/kg]	[None]
TS20357					Island 2, Grid 22	PCBs	0.1 mg/kg	5 mg/kg	None
TS20358					Island 2, Grid 21	PCBs	0.71 mg/kg	5 mg/kg	None
TS20359	06.24.10	06.28.10	KAL553	TAL	Island 2, Grid 8	PCBs	0.94 mg/kg	5 mg/kg	None
TS20360					Island 2, Grid 7	PCBs	0.71 mg/kg	5 mg/kg	None
TS20361					Island 2, Grid 13	PCBs	2.8 mg/kg	5 mg/kg	None
TS20362a[c]					Island 2, Grid 14	PCBs	6.7 mg/kg	5 mg/kg	None[c]
TS20362b	06.28.10	06.30.10	KAL556	TAL		PCBs	3.0 mg/kg	5 mg/kg	None
TS20363[a]					Island 2, Grid 15	PCBs	12 mg/kg	5 mg/kg	excavate additional 6" and re-sample
PD2-062810-09-SD/TS20363[d]	***06.28.10***	***NR***	***NR***	***TriMatrix Laboratories***	***Island 2, Grid 16***	***PCBs***	**-**	**-**	**-**
TS20364	06.28.10	06.30.10	KAL556	TAL	Island 2, Grid 16	PCBs	12 mg/kg	5 mg/kg	excavate additional 6" and re-sample
TS20365					Island 2, Grid 17	PCBs	5.4 mg/kg	5 mg/kg	excavate additional 6" and re-sample
TS20366					Island 2, Grid 18	PCBs	6.6 mg/kg	5 mg/kg	excavate additional 6" and re-sample
TS20367					Island 2, Grid 19	PCBs	0.98 mg/kg	5 mg/kg	None

See notes, page 6

Georgia-Pacific LLC
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area TCRA
Monthly Report #12, June 2010

Table A — Summary of Samples Collected and Data Received in June 2010

Sample ID	Sample Date	Data Received	Sample Delivery Group	Laboratory	Sample Location	Analysis Conducted	PCB Result	PCB Action Limit	Response Action / Notes
Property Access Soil Samples									
TS10083	05.25.10	06.15.10	KAL547	TAL	Staging Area 3 post-construction 5-part composite, same locations as TS10035 (Steele-Thompson property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10084					Access road along river, same location as TS10044 (Steele property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10085					Access road along river, same location as TS10045 (Steele property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10086					Access road along river, same location as TS10046 (Steele property)	PCBs	0.017 mg/kg U	0.33	None
TS10087					Access road along river, same location as TS10047 (Steele property)	PCBs	0.017 mg/kg U	0.4	None
[TS10088]						[PCBs]	[0.017 mg/kg U]	[0.4]	[None]
TS10089					Access road from Staging Area 3 to river, same location as TS10041 (Winkle property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10090					Access road from Staging Area 3 to river, same location as TS10040 (Winkle property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10091					Access road from Staging Area 3 to river, same location as TS10039 (Winkle property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10092					Access road from Staging Area 3 to river, same location as TS10038 (Winkle property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10093					Removed access road from Staging Area 3 to the railroad crossing, same location as TS10034 (Steele-Thompson property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10094					Removed access road from Staging Area 3 to the railroad crossing, same location as TS10033 (Steele-Thompson property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10095					Removed access road from Staging Area 3 to the railroad crossing, same location as TS10032 (Steele-Thompson property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10096					Removed access road from Staging Area 3 to the railroad crossing, same location as TS10031 (Steele-Thompson property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10097					Removed access road from Staging Area 3 to the railroad crossing, same location as TS10030 (Steele-Thompson property)	PCBs	0.017 mg/kg U	0.33 U	None

See notes, page 6

Georgia-Pacific LLC
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
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Monthly Report #12, June 2010

Table A — Summary of Samples Collected and Data Received in June 2010

Sample ID	Sample Date	Data Received	Sample Delivery Group	Laboratory	Sample Location	Analysis Conducted	PCB Result	PCB Action Limit	Response Action / Notes
Property Access Soil Samples (cont'd)									
TS10098	05.25.10	06.15.10	KAL547	TAL	Access road from the railroad crossing to Riverview Drive, same location as TS10029 (Steele property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10099					Access road from the railroad crossing to Riverview Drive, same location as TS10028 (Steele property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10100					Access road from the railroad crossing to Riverview Drive, same location as TS10027 (Steele property)	PCBs	0.017 mg/kg U	0.33 U	None
TS10101					Access road from the railroad crossing to Riverview Drive, same location as TS10026 (Steele property)	PCBs	0.017 mg/kg U	0.33 U	None
PCB Wipe Samples									
VT-42	06.09.10	06.10.10	102238	KAR	Wipe samples from vacuum truck used to transport water from SA2 to SA1	PCBs	0.1 µg per 100 cm^2 U	10 µg per 100 cm^2 [e]	None
VT-322	06.24.10	NR	NR	KAR	Wipe samples from vacuum truck used to transport water from SA2 to SA1	PCBs	-	10 µg per 100 cm^2	-
Surface Water Samples									
TS30151	06.17.10	NR	NR	TAL	Island 2; 300 feet downstream	PCBs	-	-	-
TS30152					Island 2; 200 feet upstream	PCBs	-	-	-
TS30153					Rinse Blank	PCBs	-	-	-
TS30154	06.24.10	NR	NR	TAL	Island 2; 300 feet downstream	PCBs	-	-	-
TS30155					Island 2; 200 feet upstream	PCBs	-	-	-
TS30156					Rinse Blank	PCBs	-	-	-

See notes, page 6

Georgia-Pacific LLC
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area TCRA
Monthly Report #12, June 2010

Table A — Summary of Samples Collected and Data Received in June 2010

Sample ID	Sample Date	Data Received	Sample Delivery Group	Laboratory	Sample Location	Analysis Conducted	PCB Result	PCB Action Limit	Response Action / Notes
Water Treatment Samples									
W_SA1_In_001	06.10.10	06.18.10	KAL548	TAL	Influent; SA 1 Water Treatment	PCBs	0.48 µg/L U	No Action Limit	None
W_SA1_RM_001					Right side Mid-fluent; SA 1 Water Treatment	PCBs	0.48 µg/L U	No Action Limit	None
W_SA1_RE_001					Right side Effluent; SA 1 Water Treatment	PCBs and TSS	0.48 µg/L U	Monthly Average of 2.6×10^{-5} µg/L	None: TSS = <0.50 mg/L, Action Limit = 45 mg/L
W_SA1_LM_001					Left side Mid-fluent; SA 1 Water Treatment	PCBs	0.47 µg/L U	No Action Limit	None
W_SA1_LE_001					Left side Effluent; SA 1 Water Treatment	PCBs and TSS	0.48 µg/L U	Monthly Average of 2.6×10^{-5} µg/L	None: TSS = <0.50 mg/L, Action Limit = 45 mg/L
W_SA1_In_002	06.22.10	06.24.10	KAL552	TAL	Influent; SA 1 Water Treatment	PCBs	0.49 µg/L U	No Action Limit	None
W_SA1_RM_002					Right side Mid-fluent; SA 1 Water Treatment	PCBs	0.48 µg/L U	No Action Limit	None
W_SA1_RE_002					Right side Effluent; SA 1 Water Treatment	PCBs, TSS, and P	0.57 µg/L U	Monthly Average of 2.6×10^{-5} µg/L	None: TSS = 0.8 mg/L, Action Limit = 45 mg/L; P=0.25 mg/L, No Action Limit
W_SA1_LM_002					Left side Mid-fluent; SA 1 Water Treatment	PCBs	0.51 µg/L U	No Action Limit	None
W_SA1_LE_002					Left side Effluent; SA 1 Water Treatment	PCBs, TSS, and P	0.48 µg/L U	Monthly Average of 2.6×10^{-5} µg/L	None: TSS = <0.50 mg/L, Action Limit = 45 mg/L; P=0.1 mg/L, No Action Limit
W_SA1_In_003	06.25.10	06.28.10	KAL555	TAL	Influent; SA 1 Water Treatment	PCBs	0.48 µg/L U	No Action Limit	None
W_SA1_RM_003					Right side Mid-fluent; SA 1 Water Treatment	PCBs	0.50 µg/L U	No Action Limit	None
W_SA1_RE_003					Right side Effluent; SA 1 Water Treatment	PCBs and TSS	0.57 µg/L U	Monthly Average of 2.6×10^{-5} µg/L	None: TSS = 1.4 mg/L, Action Limit = 45 mg/L
[W_SA1_DUP_003]						[PCBs and TSS]	0.48 µg/L U	[Monthly Average of 2.6×10^{-5} µg/L]	[None: TSS = 1.6 mg/L, Action Limit = 45 mg/L]
W_SA1_LM_003					Left side Mid-fluent; SA 1 Water Treatment	PCBs	0.47 µg/L U	No Action Limit	None
W_SA1_LE_003					Left side Effluent; SA 1 Water Treatment	PCBs and TSS	0.48 µg/L U	Monthly Average of 2.6×10^{-5} µg/L	None: TSS = 1.3 mg/L, Action Limit = 45 mg/L

See notes, page 6

Georgia-Pacific LLC
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Plainwell No. 2 Dam Area TCRA
Monthly Report #12, June 2010

Table A — Summary of Samples Collected and Data Received in June 2010

Notes:

a - Split of the sample collected by USEPA.
b - Hard copy of analytical report not yet received, but USEPA representative has verbally confirmed that PCB concentration does not exceed 5 mg/kg.
c - Sample TS20362a collected from 6" below existing surface. Actual design excavation depth in the area was 1.0' so TS20362a does not represent final post-excavation PCB concentration. Samples TS20362b collected at final excavation depth (1.0').
d - Hard copy of analytical report not yet received, but USEPA representative has verbally confirmed that PCB concentration exceeds 5 mg/kg.
e - The decontamination standard for non-porous materials previously in contact with PCB-containing liquid according to Federal Regulations (Title 40, Chapter 1, Subchapter R, Part 761.79.3).

* Duplicate samples are shown in brackets.
* Analytical results have not been validated.
* USEPA split sample results shown in bold italics.

cm^2 - square centimeter
J - The compound was positively identified; however, the associated numerical value is an estimated concentration only.
KAR - KAR Laboratories, Inc.
mg/kg - milligrams per kilogram
mg/L - milligrams per liter.
NR - Not Received
P - total phosphorus.
PCBs - polychlorinated biphenyls
SA - Staging Area
TAL - TestAmerica Laboratories, Inc.
TSS - Total Suspended Solids
U - Compound analyzed but not detected at a concentration above the reporting limit
µg - micrograms
µg/L - micrograms per liter.
USEPA - United States Environmental Protection Agency